

July 2, 2006 **PN:** 03023

Mr. Ed Mussler, PE, Permitting Branch Supervisor NCDENR Solid Waste Section 401 Oberlin Rd Suite 150 Raleigh, NC 27699

**RE:** Dunn Erwin Landfill, Harnett County, NC

**C&D Cell Permit Extension Request and Revised Final Grades** 

Permit # 43-02

Dear Mr. Mussler,

Per our recent meeting and conversation on April 21, 2006, and our letter dated May 25, 2006, this letter is to request the permit extension for the Dunn-Erwin Landfill through July 1, 2008. Attached you will find a revised plan of the final contours for the C&D cell. This plan was generated to take advantage of the airspace available in the location of the existing large cell haul/access road.

Based on the revised landfill design and corresponding life expectancy calculations there is sufficient area for solid waste until April 1, 2008. However, a new cell should be permitted and constructed prior to April 2008. The Dunn-Erwin landfill is currently receiving 50,000 cubic yards of solid waste a year. The proposed contours for the landfill will provide 116,291 cubic yards or air space which calculates to just over 2 years of life duration.

Access to the top of the existing landfill will be provided by the construction of an access road up the West side of the landfill using fill material and sloped to a ditch by the landfill to direct storm water. The proposed access road at the top will be constructed as the future lifts for the landfill are constructed. The proposed top of the landfill is 306 feet with a 5% grade to the 296 feet contour to drain to the South side of the landfill. Side slope berm/swales will be constructed to control stormwater runoff and erosion.

Please refer to the enclosed drawing and life expectancy spreadsheet for more detail. Feel free to call either C.T. or myself if you have any questions or would like to discuss this.

Sincerely.

C. Tyrus Clayton Jr., P. E.

Vice President

/attachment

cc: file

C. T. Clayton, Sr., P. E. (C. T. Clayton, Sr., P. E., Inc.) Geoffrey Little (NCDENR, Solid Waste Section) Jerry Blanchard (Harnett County)

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